

SECTION 10 51 26

SOLID PLASTIC LOCKERS AND BENCHES

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Solid plastic lockers and locker room benches.
- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.
 - 2. Division 06: Rough carpentry.
- C. References
 - 1. UL – GREENGUARD certified low emitting materials.
 - 2. ASTM - B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
 - 3. ASTM – A167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.

1.2 SUBMITTALS

- A. Submittals for Review:
 - 1. Shop Drawings: Include dimensioned layouts, elevations, trim, closures and accessories.
 - 2. Product Data: Manufacturer's descriptive data
 - 3. Samples: 3 x 3 inch samples in color specified on drawings.
- B. Sustainable Design Submittals
 - 1. Recycled Content: Certify percentages of post-consumer and pre-consumer recycled content.
 - 2. Regional Materials: Certify distance between manufacturer and Project.
 - 3. Indoor Air Quality: Certify low emitting materials.

1.3 QUALITY ASSURANCE

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store in an upright condition. Protect plastic lockers from exposure to direct sunlight. This product is not intended for outdoor use.

1.5 WARRANTY

- A. Provide manufacturer's 25 year warranty against breakage, corrosion, and delamination under normal conditions.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract documents are based on products by Scranton Products. (www.scrantonproducts.com)
- B. Substitutions: Not permitted.
- C. Materials
 - 1. High Density Polyethylene (HDPE): polyethylene thermoplastic formed into solid plastic components with homogeneous color throughout, with smooth orange peel finish.
 - 2. Heavy Duty Extruded Aluminum: B221, 6063-T6
 - 3. Chromium Plated Steel: A167
 - 4. Color: Sandcastle.

2.2 STANDARD PLASTIC LOCKERS

- A. Locker Configuration: Two tier
- B. Locker Dimensions:
 - 1. Height, Nominal: 72 inch
 - 2. Width: 12 inch
 - 3. Depth: 12 inch
- C. Material: High density polyethylene (HDPE) plastic, [100 percent post-consumer recycled material].
- D. Sides, Tops, Bottoms, Backs, and Shelves: 3/8 inch thick HDPE plastic, grey finish.
 - 1. Sides: 3/8 inch thick HDPE plastic, grey finish, with horizontal side venting
- E. Locker Tops: Slope top finished in same color as locker door
- F. Doors and Frame: 1/2 inch thick HDPE plastic
 - 1. Doors: 1/2 inch thick HDPE plastic with horizontal venting
 - 2. Handle: ADA compliant ergonomic handle, injection molded plastic
 - 3. Locks: Standard hasp
 - 4. Hinge: Heavy duty extruded aluminum with corrosion free stainless steel pin with silver finish.
 - 5. Engraving: N/A
 - 6. ADA Compliance Package: 3134 aluminum Series 1100, H18, satin matte finish ADA plaque, adjustable 3/8 inch HDPE plastic shelf with plastic clips
 - 7. Latch Bar: 3/8 inch thick HDPE plastic with multiple latch points, fastened with stainless steel tamper-resistant screws
- G. Assembly profile: Full height of lockers, PVC plastic, snap fit assembled onto locker sides.
- H. Accessories
 - 1. Coat hook: Two-prong, high impact plastic, black finish, mounted to bottom of shelf or divider, one per door opening.
 - 2. End Panels: 1/2 inch thick HDPE plastic, color and finish same as locker door
 - 3. Filler Panels and Trim: 1/2 inch thick HDPE plastic, color and finish same as locker door
 - 4. Number Plate: 3134 aluminum, Series 1100, H18, satin matte finish, fastened to locker with corrosion resistant stainless steel rivets
 - 5. Locker Base: 1 inch thick HDPE plastic, with color and finish same as locker door, 4 inch; field assembly required.
 - 6. Wall hook: [one] [two] [three] per door opening.
 - 7. Color: As selected by Architect from manufacturer's color range.

2.3 LOCKER BENCHES

- A. Bench Tops: 1-1/2 inch thick HDPE with edges rounded to 1/4 inch radius, 9-1/2 inches wide x 72 inches long for the men's locker room. 1-1/2 inch thick HDPE with edges rounded to 1/4 inch radius, 9-1/2 inches wide x 48 inches long for the women's locker room.
- B. Pedestals: Aluminum, 16 inches high, secured to bench tops with stainless steel tamper resistant Torx head screws and secured to the floor with lead expansion shields and 2 inch long stainless steel machine bolts.

2.4 FABRICATION

- A. Fabricate locker components square and rigid; finish free from scratches and chips.
- B. Fabricate locker components for snap-together assembly or slide-together dovetail connections providing solid and secure, anti-racking construction.
- C. Fabricate adjacent lockers with common side panel.
- D. Fabricate locker units for assembly in maximum of three adjacent lockers.
- E. Fabricate locker benches to sizes indicated in single lengths.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install lockers in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Set lockers directly on floor.
- C. Set plumb, level, rigid, and aligned.
- D. Attach lockers to supporting construction with anchors best suited to substrate conditions.
- E. Attach locker benches to floor.

3.2 ADJUSTING

- A. Adjust doors and latches to operate correctly.

END OF SECTION